

ABSTRACT

A rare-earth sintered magnet with excellent corrosion resistance and sinterability and a method for producing such a magnet are provided. The rare-earth sintered magnet includes an $R_2T_{14}Q$ type tetragonal compound (where R is at least one rare-earth element, T is at least one transition metal element always including Fe, and Q is boron and/or carbon) as a main phase and a grain boundary phase surrounding the main phase. The $R_2T_{14}Q$ type tetragonal compound as the main phase includes Cr, which substitutes for a portion of Fe, and carbon, which substitutes for a portion of boron, as respective essential elements. The concentration of carbon in the main phase is higher than that of carbon in the grain boundary phase.